

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-275752

(43)Date of publication of application : 22.10.1993

(51)Int.Cl.

H01L 33/00
H01L 21/56
H01L 23/28

(21)Application number : 04-068820

(71)Applicant : ROHM CO LTD

(22)Date of filing : 26.03.1992

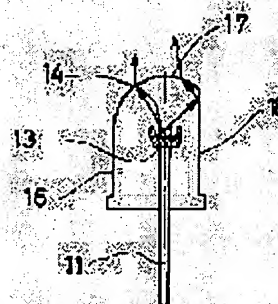
(72)Inventor : ISHINAGA HIROMOTO

(54) OPTICAL DIODE

(57)Abstract:

PURPOSE: To effectively use a light emitted to the useless direction from a light-emitting element in a light-emitting diode in which a part of the light-emitting element is packaged in a mold part made of transparent plastics having a lens.

CONSTITUTION: In a part on the outer peripheral surface in a mold part 6 having a lens 17 which packages a light-emitting element 14, a level plane 18 parallel to an axis line of the mold part 16 is formed extending to the lens 17 in the mold part 16.



LEGAL STATUS

[Date of request for examination] 09.04.1998

[Date of sending the examiner's decision of rejection] 31.10.2000

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

- [Date of final disposal for application]
- [Patent number]
- [Date of registration]
- [Number of appeal against examiner's
decision of rejection]
- [Date of requesting appeal against examiner's
decision of rejection]
- [Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office